Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 29 Jan 2022 until 23:59 on Sunday 30 Jan 2022

Forecast Issued on Friday 28 Jan 2022 at 14:35

Confidence: High for unsettled and very windy with freezing level changeable, but lowering for the detail of timings and durations of worst conditions.

Headline for Saturday 29 Jan 2022: Cloud, rain and severe summit gales at first. Mainly dry, bright with winds gradually easing from around midday.

Mountain weather hazards on Saturday 29 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
40%	30%	40%	30%	10%	<05%	<05%	<05%

Forecast for Saturday 29 Jan 2022

Weather: Rather cloudy with some patchy light rain or drizzled at first. Rain turning more persistent for a time mid to late morning, before clearing to the south around mid-day, leaving bright and sunny spells and only a few well scattered light showers for the afternoon. Any remaining showers during the evening, turning wintry across highest peaks.

Chance of cloud-free hill tops above 600m: 30% at first becoming 95% from midday.

Low cloud and visibility: Moderate or poor in early rain and drizzle, also briefly in later showers, very poor in cloud with bases quite extensive at first from 500m, sporadically so in later showers, otherwise good or very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 29 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/44 W	35/49 W	32/44 W	42/57 W	42/59 W	38/54 W	28/40 NW	21/31 W	14/21 W
300	21/31 W	22/34 W	22/34 W	30/45 W	32/49 W	28/44 W	22/34 NW	15/25 NW	11/19 W
Valley	14/30 W	15/32 W	16/33 W	22/46 W	24/48 W	21/42 W	16/33 NW	10/22 NW	7/17 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/-0	5/-1	6/-1	4/-3	3/-4	2/-5	1/-5	0/-5
300	8/4	8/4	8/3	8/3	7/2	6/0	5/-0	4/-0	3/-1
Valley	8/5	9/6	8/4	9/4	8/3	7/2	6/1	4/1	3/0
Freezing Level*	2100m	1800m	2000m	2000m	1100m	800m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions at first with severe summit gales and hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 28 Jan 2022	0.4mm	7.2mm	7.4mm

Forecast for Sunday 30 Jan 2022

Weather: Dry occasionally bright start, then cloud gradually thickening from the west to bring patchy rain from around mid-afternoon, which turns heavier and more persistent for a time early evening, before clearing to blustery showers late evening. Snow level around highest summits.

Maximum wind: West increasing mean 25mph by late afternoon, then 30-35mph late evening with gusts reaching 50mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 95% becoming 30% late afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in rain, also briefly in later showers, very poor in snow and cloud with bases quite extensive in rain from 500m, sporadically so in later showers.

Temperature: **Valleys:** Zero Celsius increasing 9 Celsius during the afternoon
At 600m: Minus 1 Celsius increasing plus 2 Celsius later
Freezing level: 500m increasing 800m later

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